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PTO/SB/21 (12-97)  
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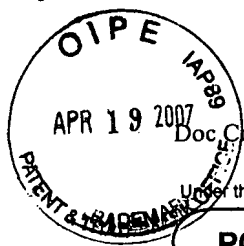
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/620,244
	<b>Filing Date</b>	July 15, 2003
	<b>First Named Inventor</b>	Paul R. Schuster
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b> 25896.563

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div>Power of Attorney; Statement Under 37 CFR 3.73(b) with attachments; and Return postcard</div>
<b>Remarks</b>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Cowan, Liebowitz & Latman, P.C.
Signature	<i>Buck</i> , Reg. 48,776
Date	April 16, 2007

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: April 16, 2007	
Typed or printed name	Brian H. Buck, Reg. 48,776
Signature	<i>Buck</i>
Date	April 16, 2007

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Doc Code:

PTO/SB/80 (01-06)

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**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer

32137

OR



Practitioner(s) named below (if more than ten practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer

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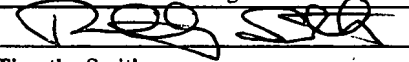
Assignee Name and Address:

Arbitron Inc.  
9705 Patuxent Woods Drive  
Columbia, MD 21046

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	4/5/07
Name	Timothy Smith	Telephone	(410) 312-8043
Title	Executive Vice President		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Arbitron Inc.

Application No./Patent No./Control No.: 10/620,244

Filed/Issue Date: July 15, 2003

Entitled: Radio Frequency Proximity Detection And Identification System And Method

Arbitron Inc.

(Name of Assignee)

, a Delaware Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Paul R. Schuster and Douglas L. Lewis To: The Johns Hopkins University  
The document was recorded in the United States Patent and Trademark Office at  
Reel 014308, Frame 0159, or for which a copy thereof is attached.

2. From: The Johns Hopkins University To: Arbitron Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

4/5/07

Date

Timothy Smith

Printed or Typed Name

(410) 312-8043

Telephone number

Executive Vice President

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Reel/Frame: 014308/0159

Page:

Recorded: 07/15/2003

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

## Total properties: 1

1 Patent #: NONE Issue Dt: Application #: 10620244 Filing Dt: 07/15/2  
Publication #: US20040027271 Pub Dt: 02/12/2004  
Title: Radio frequency proximity detection and identification system and method

## Assignors

1 SCHUSTER, PAUL R.  
2 LEWIS, DOUGLAS L.

Exec Dt: 07/10/2003

Exec Dt: 07/10/2003

## Assignee

1 JOHNS HOPKINS UNIVERSITY, THE  
34TH AND CHARLES STREETS  
BALTIMORE, MARYLAND 21218

## Correspondence name and address

FRANCIS A. COOCH  
THE JOHNS HOPKINS UNIVERSITY  
APPLIED PHYSICS LABORATORY  
11100 JOHNS HOPKINS ROAD  
LAUREL, MD 20723-6099

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Web interface last modified: February 22, 2007 v.2.0

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**Assignment**

**WHEREAS**, The Johns Hopkins University, with offices at 34<sup>th</sup> and Charles Streets, Baltimore, Maryland 21218 (hereinafter, "Assignor") owns all right, title and interest in and to that certain application for Letters Patent of the United States of America, entitled RADIO FREQUENCY PROXIMITY DETECTION AND IDENTIFICATION SYSTEM AND METHOD, US serial number 10/620,244, filed July 15, 2003 (the "US Patent Application"), by virtue of an assignment from the inventors named therein and recorded in the US Patent and Trademark Office at reel 014308 and frame 0159 (the "Assignment");

**WHEREAS**, Arbitron Inc., a corporation organized and existing under the laws of Delaware, and having an office and place of business at 9705 Patuxent Woods Drive, Columbia, Maryland 21046, and, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

**NOW THEREFORE**, for valuable consideration furnished by Assignee to Assignor, receipt and sufficiency of which Assignor hereby acknowledges, Assignor hereby, without reservation:

1. Assigns, transfers and conveys to Assignee the entire right, title and interest in and to said US Patent Application, as well as any and all further rights and properties transferred to Assignor by said Assignment, including but not limited to any and all inventions and discoveries disclosed in said US Patent Application, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorizes Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in the names of said inventors or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorizes and requests the Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that it has not conveyed to others any right, title or interest in or to said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that it has good right to assign the same to Assignee without encumbrance;

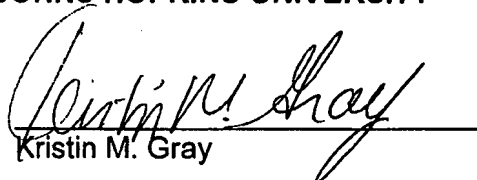
5. Binds its successors, legal representatives and assigns, as well as itself, and shall make the inventors named in such US Patent Application available, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to itself or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, declarations and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to itself or to said inventors relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in its control or in the control of its successors, legal representatives or assigns, or said inventors, which may be useful for establishing the facts of such inventors' conceptions, disclosures, and reductions to practice of said inventions and discoveries.

**IN WITNESS WHEREOF**, Assignor has caused this Assignment to be executed by its duly authorized officer on the date stated below.

**THE JOHNS HOPKINS UNIVERSITY**

3/21/07  
Date

By:

  
Kristin M. Gray

Title: Director of Technology Transfer